

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: CHEN, Chin-Yuan

SERIAL NO.:

FILED: Herewith

TITLE: GARDEN HOSE NOZZLE PROVIDED WITH A WHIRLING ACTION

Preliminary Amendment: CLAIM AMENDMENTS

1. (Currently amended) A garden hose nozzle ~~with rotary design~~ comprising:

an airbrush, ~~with its~~ having an outer flank ~~provided~~ with a grip and a back end ~~provided~~ with a hose connecting end. ~~The, said~~ hose-connecting end is being connected to a conduit within the airbrush, ~~which is~~ and linked to a water valve. ~~The, said~~ water valve is ~~equipped with~~ being comprised of a water control post ~~that is~~ subjected to ~~the control of~~ a control button outside the airbrush for ~~its~~ a start-up/close state. ~~A thereof, wherein a~~ spring is placed between the bottom of the water control post and lower wall of water valve, so as to enable the water control post to eject towards the control button until a flange of the water control post stops at the shoulder of the water valve;

a rotary outlet, ~~which is provided at the~~ a front end of the airbrush. ~~The, wherein an~~ end surface of the rotary outlet is mounted with a spraying hole. ~~As, wherein, as~~ an independent component, the rotary outlet is available with a connector at one side of the airbrush. ~~There is;~~ wherein a water hole is positioned within the connector linking to the spraying hole. ~~To, wherein,~~ to maintain an insert notch at the airbrush's one side adjacent to the water valve, the insert notch ~~shall be~~ is available with a passage notch connecting the water valve. ~~And, the, and wherein a~~ start-up and close state of the passage notch ~~shall be~~ is subjected to the control of water control post. ~~The,~~

wherein a front end of the airbrush is provided with a passage notch, where the connector of the rotary outlet can cross the airbrush, and then the ~~above-mentioned~~ insert notch. ~~After the, and~~ wherein, after fixation by localizers, a whirling state that the connector and rotary outlet rotate round the insert notch will take shape, while the rotating angle is subjected to the limitation of passage notch.

2. (Original) The garden hose nozzle defined in Claim 1, wherein said arc dent may be provided at one side of the rotary outlet facing the airbrush, thus enabling the front end of the airbrush to be provided with a shape of arc convex.

3. (Currently amended) The garden hose nozzle defined in Claim 2, wherein said arc dent ~~can be provided with some~~ further comprises separate concavities along the whirling direction of the outlet, so a flexible button ~~shall be~~ is mounted at the arc convex of the front end of airbrush so as to push in a corresponding concavity along with the rotation of the outlet, with the aim of serving the purpose of division and positioning.

4. (Currently amended) The garden hose nozzle defined in Claim 1, wherein said grip at the outer flank of the airbrush is an integral part of carrying handle. ~~The, wherein a~~ front end of the handle is connected to the water control post corresponding to the airbrush while the back end of the handle ~~shall be of a~~ is suspended type, so as to place the control button at the fore part of the handle. ~~The, wherein~~ said control button comprises board base, button and cover plate, of which the board base can be connected to two side walls at the fore part of the grip via a shaft bolt. ~~The, wherein a~~

bottom of the board base is available with a braking surface corresponding to the top of water control post. ~~To, and wherein, to~~ offer a convenient press/push, the button will protrude an opening at the top of the fore part of the grip. ~~The and~~ a cover plate ~~will protrude the~~ protrudes from a front side of the button to cover the opening.

5. (Currently amended) The garden hose nozzle defined in Claim 1, wherein said localizer of the connector and insert notch comprises a screw column at the center of insert notch, a punching hole at the center of the connector and a bolt. ~~When, wherein, when~~ the bolt is screwed into the screw column after crossing the punching hole, it can fix the connector and insert notch.